

SANITARY THERMISTOR PROBES

Heavy-Duty—With Integral Cable



THS-H-CB-120 Series

All Models



- ✓ Heavy-Duty Probe Design with Stepped Probe Stem for Additional Strength
- ✓ 1½" 16 AMP Tri-Grip™ (Tri-Clamp® Compatible) Fitting Standard
- ✓ 10' PFA Insulated Cable with Strain Relief
- ✓ 316L SS Wetted Surfaces with 32 µin or Better Finish
- ✓ 10k Thermistor Element (44006) Standard
- ✓ -80 to 150°C (-112 to 302°F) Temperature Range

Options

- ✓ Fitting Styles
- ✓ Probe Lengths
- ✓ Thermistor Elements
- ✓ Cable Lengths

The OMEGA® THS-H-CB-120 Series thermistor probe assemblies are available in standard lengths from 3 to 6", with standard 10kΩ (44006) thermistor element. These heavy-duty probes have a ⅜" diameter, which steps down to a ⅜" diameter at the probe tip, for fast response and additional strength. Standard features include a 1½" 16 AMP Tri-Grip™ fitting and 10' of PFA insulated and jacketed cable with strain relief. Please consult sales for available options, including element types and curves, probe lengths, protection heads and sanitary fitting styles.

10' (120") of 2-conductor #26 AWG stranded nickel plated copper, PFA insulated and jacketed cable standard.

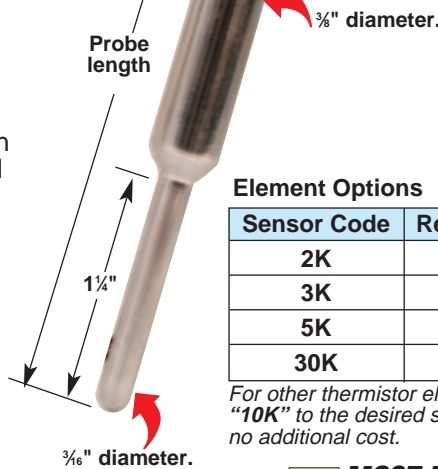
For Use in CIP and Sanitary Processes

Integral cable with nylon cable clamp.

THS-10K-H-0300-D1-CB-120, shown actual size.

316L SS 1½" 16 AMP Tri-Grip™ cap standard.

32 µin Polished Finish



Element Options

Sensor Code	Resistance at 25°C	Element Series
2K	2252 Ω	44004
3K	3000 Ω	44005
5K	5000 Ω	44007
30K	30,000 Ω	44008

For other thermistor elements, change the model number from "10K" to the desired sensor code as shown in the table above, no additional cost.

MOST POPULAR MODEL HIGHLIGHTED!

To Order (Specify Model Number)						
Model No.	Resistance at 25°C	Element Series	Interchangeability (0 to 70°C)	Sheath Diameter	Probe Length	
THS-10K-H-0300-D1-CB-120	10,000 Ω	44006	±0.2°C	¼"	3"	
THS-10K-H-0400-D1-CB-120	10,000 Ω	44006	±0.2°C	¼"	4"	
THS-10K-H-0500-D1-CB-120	10,000 Ω	44006	±0.2°C	¼"	5"	
THS-10K-H-0600-D1-CB-120	10,000 Ω	44006	±0.2°C	¼"	6"	

For probe lengths longer than 6", change "-0600" in model number to the required length (example: 12" = "-1200", 9¼" = "-0925")

For cable lengths longer than 10' (120"), change the "-120" in model number to the desired length in inches

Ordering Examples: THS-10K-H-0400-D1-CB-120, 10,000 Ω thermistor sensor, 1½" 16 AMP Tri-Grip™ fitting, 4" length, heavy-duty probe, 10' (120") PFA insulated/jacketed cable.

THS-10K-H-0400-D1-CB-144, 10,000 Ω thermistor sensor, 1½" 16 AMP Tri-Grip™ fitting, 4" length, heavy-duty probe, 12' (144") PFA insulated/jacketed cable.

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SANITARY THERMISTOR PROBES

Standard Duty—With Integral Cable



THS-S-CB-120 Series

All Models

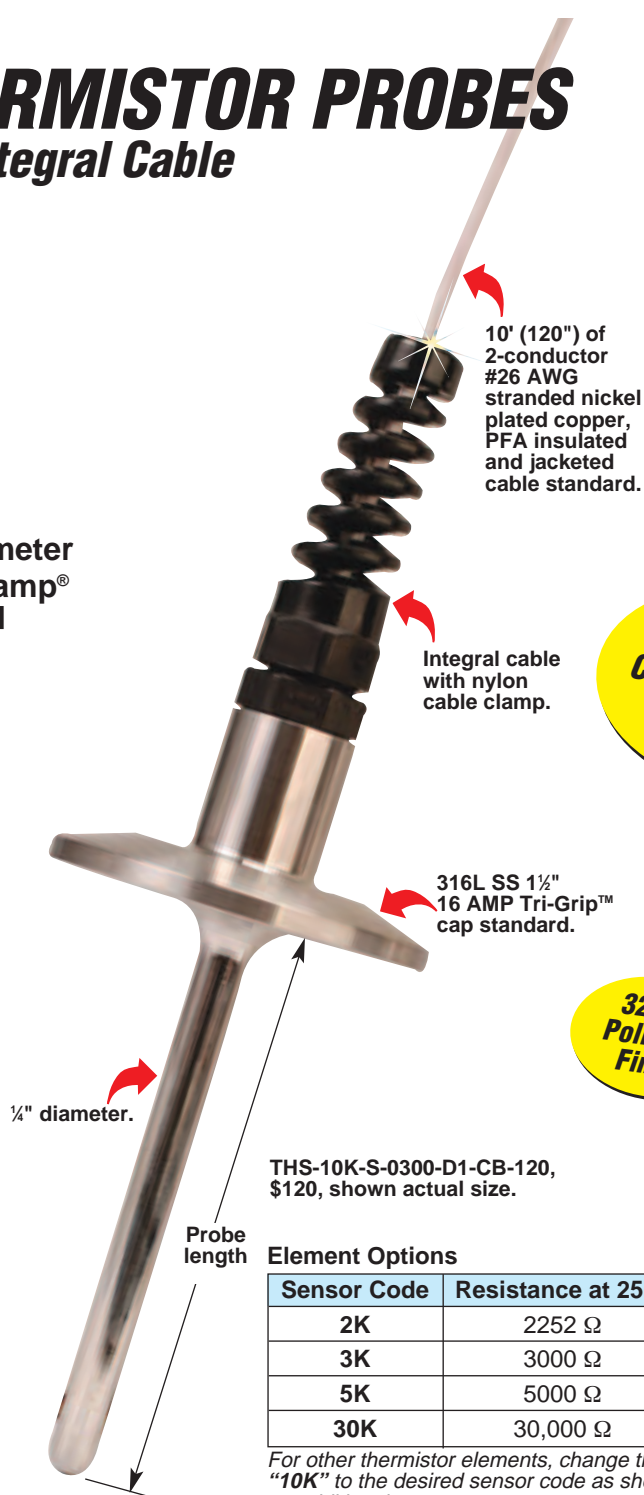


- ✓ Standard Duty 1/4" Probe Diameter
- ✓ 1 1/2" 16 AMP Tri-Grip™ (Tri-Clamp® Compatible) Fitting Standard
- ✓ 10' PFA Insulated Cable with Strain Relief
- ✓ 316L SS Wetted Surfaces with 32 µin or Better Finish
- ✓ 10k Thermistor Element (44006) Standard
- ✓ -80 to 150°C (-112 to 302°F) Temperature Range

Options

- ✓ Fitting Styles
- ✓ Probe Lengths
- ✓ Thermistor Elements
- ✓ Cable Lengths

The OMEGA® THS-H-CB-120 Series thermistor probe assemblies are available in standard lengths from 3 to 6", with standard 10kΩ (44006) thermistor element. Standard features include a 1 1/2" 16 AMP Tri-Grip™ fitting and 10' of PFA insulated and jacketed cable with strain relief. Please consult sales for available options, including element types and curves, probe lengths, protection heads and sanitary fitting styles.



For Use in CIP and Sanitary Processes

32 µin Polished Finish

THS-10K-S-0300-D1-CB-120, \$120, shown actual size.

Element Options

Sensor Code	Resistance at 25°C	Element Series
2K	2252 Ω	44004
3K	3000 Ω	44005
5K	5000 Ω	44007
30K	30,000 Ω	44008

For other thermistor elements, change the model number from "10K" to the desired sensor code as shown in the table above, no additional cost.

MOST POPULAR MODEL HIGHLIGHTED!

To Order (Specify Model Number)						
Model No.		Resistance at 25°C	Element Series	Interchangeability (0 to 70°C)	Sheath Diameter	Probe Length
THS-10K-S-0300-D1-CB-120		10,000 Ω	44006	±0.2°C	1/4"	3"
THS-10K-S-0400-D1-CB-120		10,000 Ω	44006	±0.2°C	1/4"	4"
THS-10K-S-0500-D1-CB-120		10,000 Ω	44006	±0.2°C	1/4"	5"
THS-10K-S-0600-D1-CB-120		10,000 Ω	44006	±0.2°C	1/4"	6"

For probe lengths longer than 6", change "-0600" in model number to the required length (example: 12" = "-1200", 9 1/4" = "-0925") and add \$1 per inch to price.

For cable lengths longer than 10' (120"), change the "-120" in model number to the desired length in inches, and add \$1 per additional foot to price.

Ordering Examples: THS-10K-S-0400-D1-CB-120, 10,000 Ω thermistor sensor, 1 1/2" 16 AMP Tri-Grip™ fitting, 4" length, standard duty probe, 10' (120") PFA insulated/jacketed cable.

THS-10K-S-0400-D1-CB-144, 10,000 Ω thermistor sensor, 1 1/2" 16 AMP Tri-Grip™ fitting, 4" length, standard duty probe, 12' (144") PFA insulated/jacketed cable

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